

CLAIMS

What is claimed is:

1 1. A method for operating a driver used in forming an image on media,
2 comprising:
3 generating a second set of data from a first set of data;
4 storing the second set of data;
5 comparing the first set of data to a third set of data;
6 generating a fourth set of data from the third set of data, if a difference
7 exists between the first set of data and the third set of data; and
8 retrieving the second set of data, if equivalency exists between the
9 first set of data and the third set of data.

1 2. The method as recited in claim 1, wherein:
2 the first set of data corresponds to a first device dependent bit map
3 received by the driver;
4 the second set of data corresponds to a first device independent bit
5 map;
6 the third set of data corresponds to a second device dependent bit map
7 received by the driver; and
8 the fourth set of data corresponds to a second device independent bit
9 map.

1 3. The method as recited in claim 2, wherein:
2 the driver executes on a computer.

1 4. The method as recited in claim 3, further comprising:
2 generating control language code using the first device independent bit
3 map if equivalency exists between the first device dependent bit map and the
4 second device dependent bit map.

1 5. The method as recited in claim 4, further comprising:
2 sending the control language code to the imaging device.

1 6. The method as recited in claim 4, further comprising:
2 forming an image on the media using the control language code, with
3 the imaging device including an inkjet imaging device.

1 7. The method as recited in claim 3, further comprising:
2 generating a control language file using the second device independent
3 bit map if the difference exists between the first device dependent bit map and
4 the second device dependent bit map.

1 8. The method as recited in claim 7, further comprising:
2 sending the control language file to the imaging device.

1 9. The method as recited in claim 8, further comprising:
2 forming an image on the media using the control language file, with the
3 imaging device including an inkjet imaging device.

1 10. A computer, comprising:
2 a memory; and
3 a processing device configured to execute a set of instructions for
4 generating a first device independent bit map from a first device dependent bit
5 map, for storing the first device independent bit map in the memory, for
6 comparing the first device dependent bit map to a second device dependent bit
7 map, for generating a second device independent bit map from the second device
8 dependent bit map if a difference exists between the first device dependent bit
9 map and the second device dependent bit map, and for retrieving the first device
10 independent bit map the memory if equivalency exists between the first device
11 dependent bit map and the second device dependent bit map.

1 11. The computer as recited in claim 10, wherein:
2 with the set of instructions corresponding to a first set instructions, the
3 processor includes a configuration to execute a second set of instructions
4 configured for generating the first device dependent bit map and the second
5 device dependent bit map; and
6 the processor includes a configuration to execute a third set of
7 instructions for generating control language code, used in an imaging device,
8 from the first device independent bit map and the second device independent bit
9 map.

1 12. The computer as recited in claim 11, further comprising:
2 a storage device coupled to the processing device for storing the set of
3 instructions.

4 13. The computer as recited in claim 12, wherein:
5 the memory includes random access memory.

6 14. The computer as recited in claim 13, wherein:
7 the storage device includes a disk drive.

8 15. A storage device, comprising:
9 a computer readable medium; and
processor executable instructions stored on the computer readable
medium configured to generate a second set of data from a first set of data, store
the second set of data, compare the first set of data to a third set of data,
generate a fourth set of data from the third set of data, if a difference exists
between the first set of data and the third set of data, and retrieve the second
set of data, if equivalency exists between the first set of data and the third set of
data.

1 16. The storage device as recited in claim 15, wherein:

2 the first set of data corresponds to a first device dependent bit map;
3 the second set of data corresponds to a first device independent bit
4 map;
5 the third set of data corresponds to a second device dependent bit
6 map; and
7 the fourth set of data corresponds to a second device independent bit
8 map.

1 17. The storage device as recited in claim 16, further comprising:
2 with the processor executable instructions corresponding to a first set
3 of processor executable instructions, a second set of processor executable
4 instructions stored on the computer readable medium and configured to generate
5 control language code for an imaging device using the first device independent bit
6 map if equivalency exists between the first device dependent bit map and the
7 second device dependent bit map and the second device independent bit map if a
8 difference exists between the first device dependent bit map and the second
9 device dependent bit map.

1 18. The storage device as recited in claim 17, wherein:
2 the computer readable medium includes a hard disk.

1 19. The storage device as recited in claim 17, wherein:
2 the computer readable medium includes a flexible disk.

1 20. The storage device as recited in claim 17, wherein:
2 the computer readable medium includes a compact disk.